



*dfw*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

SHINKAWA et al

Atty. Ref.: 249-201

Serial No. 09/970,154

Group: 1644

Filed: October 4, 2001

Examiner: SAUNDERS, David A.

For: METHOD FOR PURIFYING ANTIBODY

\* \* \* \* \*

July 12, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST**

It is respectfully requested that the Examiner return an initialed copy of Form PTO-1449, filed with an Information Disclosure Statement on April 26, 2004, to the undersigned. A copy of the same was not received with the Office Action dated July 1, 2004. The present papers is not filed in response to the Office Action of July 1, 2004. A copy of the previously-filed Form PTO-1449 with a copy of the USPTO PAIR page which confirms receipt of the Information Disclosure Statement filed April 26, 2004 are attached for the Examiner's convenience.

The Examiner is requested to confirm the acceptance of the drawings filed June 10, 2002, or otherwise provide specific objections of the same. The Office Action of July 1, 2004, is incomplete in this respect.

**SHINKAWA et al**  
**Serial No. 09/970,154**

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_



B. J. Sadoff  
Reg. No. 36,663

BJS:pp  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

SHINKAWA et al  
Serial No. 09/970,154



**COPY**

Sheet 1 of 1

**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

249-201

09/970,154

APPLICANT

SHINKAWA et al

(Use several sheets if necessary)

FILING DATE

GROUP

October 4, 2001

Unassigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,018,032	01/2000	Koike et al			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 99/10494	03/1999	WIPO				
		WO 99/54342	10/1999	WIPO				
		WO 98/58964	12/1998	WIPO				

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	Nose, M. et al., Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro, Journal of Immunology, 1990, Vol. 145, No. 3, pp. 910-914
	Dobre, M. A. et al., Isolation of a rabbit IgG fraction with cytophilic properties, Journal of Immunology Methods, 1983, Vol. 59, No. 3, pp. 339-348
	Peng, Z. et al., Binding of dog immunoglobulins G.A.M, and E to concanavalin A, Veterinary Immunology Immunopathology, 1993, Vol. 36, No. 1, pp 83-88.
	Hiki, Y. et al., Underglycosylation of IgA1 hinge plays a certain role for its glomerular deposition in IgA nephropathy, J. Am. Soc. Nephrol. 1999, Vol. 10, No. 4, pp. 760-769
	Kim, H. et al. O-glycosylation in hinge region of mouse immunoglobulin G2b, Journal of Biological Chemistry, 1994, Vol. 269, No. 16, pp 12345-12350

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

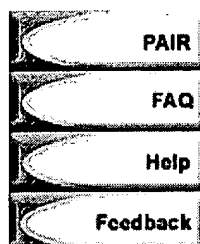
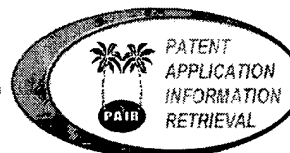
Form PTO-FB-A820 (Also PTO-1449)



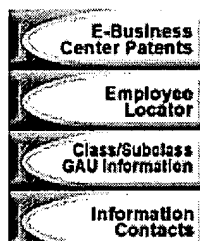
## United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

## PATENT APPLICATION INFORMATION RETRIEVAL



## Other Links



NEW Printer Friendly Version

Search results for application number:09/970,154			
Application Number:	09/970,154	Customer Number:	-
Filing or 371(c) Date:	10-04-2001	Status:	Non Final Ac Mailed
Application Type:	Utility	Status Date:	07-01-2004
Examiner Name:	SAUNDERS, DAVID A	Location:	ELECTRONI
Group Art Unit:	1644	Location Date:	-
Confirmation Number:	9598	Earliest Publication No:	US 2002-016 A1
Attorney Docket Number:	249-201	Earliest Publication Date:	11-07-2002
Class/ Sub-Class:	530/413	Patent Number:	-
First Named Inventor:	Toyohide Shinkawa, Tokyo, (JP)	Issue Date of Patent:	-
Title Of Invention:	Process for purifying antibody		

Select Search Option

Continuity Data

Published Documents

Search

File History	
Date	Contents Description
07-01-2004	Mail Restriction Requirement
04-26-2004	Reference capture on IDS
04-26-2004	Information Disclosure Statement (IDS) Filed
06-21-2004	Requirement for Restriction / Election
04-20-2004	Case Docketed to Examiner in GAU
06-10-2002	Claims PTO
04-20-2004	IFW TSS Processing by Tech Center Complete
07-19-2002	Application Dispatched from OIPE
07-09-2002	Application Is Now Complete
06-10-2002	Payment of additional filing fee/Preexam
06-10-2002	A statement by one or more inventors satisfying the requirement under 37 CFR 1.115, Oath of the Applicant
06-10-2002	Translation of Claims into English
06-10-2002	Applicant has submitted new drawings to correct Corrected Papers
06-10-2002	Translation of Specification into English
11-09-2001	Notice Mailed--Application Incomplete--Filing Date Assigned
11-08-2001	Correspondence Address Change
10-11-2001	IFW Scan & PACR Auto Security Review

10-04-2001

Initial Exam Team nn

---

[HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)